

Active Recombinant Mouse IgG2aFc protein, Avi-tagged, Biotinylated

Cat. No. IgG2aFc-0213M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse IgG2aFc protein(Glu98-Lys330), fused with Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	98-330 a.a.
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Recombinant Protein A at 5 µg/mL (100 µL/well) can bind Biotinylated Mouse IgG2a Fc, Avitag with a linear range of 0.8-13 ng/mL. Immobilized Mouse CD16-2, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Mouse IgG2a Fc, Avitag with a linear range of 0.01-0.313 µg/mL.
Molecular Mass	This protein carries an Avi tag at the C-terminus. The protein has a calculated MW of 28.2 kDa. The protein migrates as 32-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Glu98-Lys330
Endotoxin	Less than 1.0 EU per

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	µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin
GENE INFORMATION	
Official Symbol	IgG2aFc

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